


**PALM INTRANET**

 Day : Friday  
 Date: 5/7/2004  
 Time: 12:30:39

## Inventor Name Search Result

Your Search was:

Last Name = SUNKARA

First Name = HARI

Application#	Patent#	Status	Date Filed	Title	Inventor Name 32
<u>60468228</u>	Not Issued	020	05/06/2003	POLYTRIMETHYLENE ETHER GLYCOL WITH EXCELLENT QUALITY FROM BIOCHEMICALLY-DERIVED 1,3-PROPANEDIOL	SUNKARA, HARI BABU
<u>60468227</u>	Not Issued	020	05/06/2003	HYDROGENATION OF POLYTRIMETHYLENE ETHER GLYCOL	SUNKARA, HARI BABU
<u>60468226</u>	Not Issued	020	05/06/2003	REMOVAL OF COLOR BODIES FROM POLYTRIMETHYLENE ETHER GLYCOL POLYMERS	SUNKARA, HARI BABU
<u>60468223</u>	Not Issued	020	05/06/2003	HYDROGENATION OF CHEMICALLY DERIVED 1,3-PROPANEDIOL	SUNKARA, HARI BABU
<u>60456756</u>	Not Issued	020	03/21/2003	POLYTRIMETHYLENE ETHER DIOL CONTAINING COATING COMPOSITIONS	SUNKARA, HARI BABU
<u>60402262</u>	Not Issued	159	08/09/2002	POLY(TRIMETHYLENE-ETHYLENE ETHER) GLYCOLS	SUNKARA, HARI B.
<u>60172264</u>	Not Issued	159	12/17/1999	PRODUCTION OF POLYTRIMETHYLENE ETHER GLYCOL AND COPOLYMERS THEREOF	SUNKARA, HARI B.
<u>60172126</u>	Not Issued	159	12/17/1999	CONTINUOUS PROCESS FOR THE PREPARATION OF POLYTRIMETHYLENE ETHER GLYCOL	SUNKARA, HARI B.
<u>60096939</u>	Not Issued	159	08/18/1998	PROCESS FOR THE PURIFICATION OF 1,3-PROPANEDIOL	SUNKARA, HARI BABU
<u>10760339</u>	Not Issued	020	01/20/2004	CONTINUOUS PROCESS FOR THE PREPARATION OF POLYTRIMETHYLENE ETHER GLYCOL	SUNKARA, HARI BABU
<u>10743223</u>	Not	019	12/22/2003	POLY(TRIMETHYLENE-ETHYLENE	SUNKARA,

	Issued			ETHER) GLYCOL LUBE OILS	HARI BABU
<u>10634687</u>	Not Issued	041	08/05/2003	REMOVAL OF COLOR BODIES FROM POLYTRIMETHYLENE ETHER GLYCOL POLYMERS	SUNKARA, HARI BABU
<u>10634666</u>	Not Issued	030	08/05/2003	HYDROGENATION OF CHEMICALLY DERIVED 1,3-PROPANEDIOL	SUNKARA, HARI BABU
<u>10634612</u>	Not Issued	020	08/05/2003	HYDROGENATION OF POLYTRIMETHYLENE ETHER GLYCOL	SUNKARA, HARI BABU
<u>10634611</u> 	Not Issued	030	08/05/2003	POLYTRIMETHYLENE ETHER GLYCOL WITH EXCELLENT QUALITY FROM BIOCHEMICALLY-DERIVED 1,3-PROPANEDIOL	SUNKARA, HARI BABU
<u>10621896</u>	Not Issued	018	07/17/2003	THERMOPLASTIC ELASTOMER COMPRISING POLY(TRIMETHYLENE-ETHYLENE ETHER) SOFT SEGMENT AND POLYAMIDE HARD SEGMENT	SUNKARA, HARI BABU
<u>10621892</u>	Not Issued	030	07/17/2003	POLY(TRIMETHYLENE-ETHYLENE ETHER) GLYCOLS	SUNKARA, HARI B.
<u>10621861</u>	Not Issued	030	07/17/2003	POLYURETHANE AND POLYURETHANE-UREA COMPRISED OF POLY(TRIMETHYLENE-ETHYLENE ETHER) GLYCOL SOFT SEGMENT	SUNKARA, HARI BABU
<u>10621805</u>	Not Issued	030	07/17/2003	POLYETHER ESTER ELASTOMERS COMPRISING POLY(TRIMETHYLENE ETHER) ESTER SOFT SEGMENT AND ALKYLENE ESTER HARD SEGMENT	SUNKARA, HARI BABU
<u>10423363</u>	Not Issued	030	04/25/2003	PROCESSES FOR RECOVERING OLIGOMERS OF GLYCOLS AND POLYMERIZATION CATALYSTS FROM WASTE STREAMS	SUNKARA, HARI BABU
<u>10393754</u>	Not Issued	030	03/21/2003	COATING COMPOSITION CONTAINING POLYTRIMETHYLENE ETHER DIOL USEFUL AS A PRIMER COMPOSITION	SUNKARA, HARI BABU
<u>10215575</u>	Not Issued	041	08/09/2002	POLYURETHANE AND POLYURETHANE-UREA ELASTOMERS FROM POLYTRIMETHYLENE ETHER GLYCOL	SUNKARA, HARI B.

<u>10016195</u>	<u>6562457</u>	150	10/31/2001	POLYETHER ESTER ELASTOMER COMPRISING POLYTRIMETHYLENE ETHER ESTER SOFT SEGMENT AND TETRAMETHYLENE ESTER HARD SEGMENT	SUNKARA, HARI B.
<u>10016023</u>	<u>6599625</u>	150	10/31/2001	POLYETHER ESTER ELASTOMER COMPRISING POLYTRIMETHYLENE ETHER ESTER SOFT SEGMENT AND TRIMETHYLENE ESTER HARD SEGMENT	SUNKARA, HARI B.
<u>09738689</u>	<u>6720459</u>	150	12/15/2000	CONTINUOUS PROCESS FOR THE PREPARATION OF POLYTRIMETHYLENE ETHER GLYCOL	SUNKARA, HARI B.
<u>09738688</u>	Not Issued	020	12/15/2000	PRODUCTION OF POLYTRIMETHYLENE ETHER GLYCOL AND COPOLYMERS THEREOF	SUNKARA, HARI B.
<u>09638356</u>	<u>6316586</u>	150	08/15/2000	COPOLYETHER COMPOSITION AND PROCESSES THEREFOR AND THEREWITH	SUNKARA, HARI BABU
<u>09549330</u>	<u>6509439</u>	150	04/14/2000	PROCESS FOR THE PRODUCTION OF POLYAMIDES FROM DINITRILES AND DIAMINES	SUNKARA, HARI BABU
<u>09266108</u>	<u>6165389</u>	150	03/10/1999	THERMALLY SWITCHABLE OPTICAL DEVICES	SUNKARA , HARI B.
<u>09266107</u>	<u>6097530</u>	150	03/10/1999	METHOD OF USING THERMALLY SWITCHABLE OPTICAL DEVICES	SUNKARA , HARI B.
<u>09153871</u>	<u>6094273</u>	150	09/15/1998	NOVEL CRYSTALLINE COLLOIDAL ARRAY COMPOSITIONS	SUNKARA , HARI B.
<u>08744586</u>	<u>6014246</u>	150	11/06/1996	THERMALLY SWITCHABLE OPTICAL DEVICES	SUNKARA , HARI B.

Inventor Search Completed: No Records to Display.

	<b>Last Name</b>	<b>First Name</b>
<b>Search Another:</b>	<input type="text" value="Sunkara"/>	<input type="text" value="Hari"/>
<b>Inventor</b>	<input type="button" value="Search"/>	

To go back use Back button on your browser toolbar.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:31:35 ON 07 MAY 2004

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COST IN U.S. DOLLARS

SINCE FILE  
ENTRY

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SESSION

FULL ESTIMATED COST

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0.21

FILE 'EUROPATFULL' ENTERED AT 12:31:53 ON 07 MAY 2004

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FILE 'RDISCLOSURE' ENTERED AT 12:31:53 ON 07 MAY 2004

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FILE 'USPATFULL' ENTERED AT 12:31:53 ON 07 MAY 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 12:31:53 ON 07 MAY 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s polytrimethylene ether glycol#

L1 40 POLYTRIMETHYLENE ETHER GLYCOL#

=> s l1 and 1,3-propanediol#

1 FILES SEARCHED...

3 FILES SEARCHED...

L2 28 L1 AND 1,3-PROPANEDIOL#

=> s l2 and peroxide

L3 0 L2 AND PEROXIDE

=> s l2 and carbonyl

L4 1 L2 AND CARBONYL

=> d

L4 ANSWER 1 OF 1 USPATFULL on STN

AN 84:35861 USPATFULL

TI Polyurethanes prepared from polycarbonates

IN Rajan, Sundar J., Woodbury, MN, United States

PA Ethyl Corporation, Richmond, VA, United States (U.S. corporation)

PI US 4456745 19840626

AI US 1983-512347 19830711 (6)

RLI Division of Ser. No. US 1982-381207, filed on 24 May 1982, now patented,  
Pat. No. US 4423205

DT Utility

FS Granted

LN.CNT 551

INCL INCLM: 528/085.000

INCLS: 260/453.000AR; 528/044.000; 528/048.000; 528/055.000;  
528/371.000; 560/025.000

NCL NCLM: 528/085.000

NCLS: 528/044.000; 528/048.000; 528/055.000; 528/371.000; 560/025.000

IC [3]

ICM: C08G018-42

EXF 528/44; 528/48; 528/55; 528/85; 528/371; 260/453AR; 560/25

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 12 and monofunctionnal

L5 0 L2 AND MONOFUNCTIONNAL

=> s 12 and monofunctional aloccohol#

L6 0 L2 AND MONOFUNCTIONAL ALOCOHOL#

=> s 12 and fermentation

L7 0 L2 AND FERMENTATION

=> d 12 1-28

L2 ANSWER 1 OF 28 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 1263900 EUROPATFULL ED 20040429 EW 200418 FS PS

TIEN MELAMINE COATING COMPOSITIONS.

TIDE MELAMIN UeBERZUGSMITTELZUSAMMENSETZUNGEN.

TIFR COMPOSITIONS DE REVETEMENT EN MELAMINE.

IN BOON, Wyndham, Henry, 2446 Baylor Circle, North Canton, OH 44720, US;  
FORSCHNER, Thomas, Clayton, 2211 Woodland Drive, Richmond, TX 77469, US;  
GWYN, David, Eric, 6502 Briar Bayou, Houston, TX 77072, US;  
SMITH, Oliver, Wendell, 242 Wildwood Trail, Petal, MS 39465, US;  
SMITH, Roy, Frank, 2215 Cedar, Pearland, TX 77581, US;  
THAMES, Shelby, Freland, 103 Darby Road, Hattiesburg, MS 39401, US;  
ZHOU, Lichang, Pine Haven A-103, Hattiesburg, MS 39406, US

PA SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel van Bylandtlaan  
30, 2596 HR Den Haag, NL

SO Wila-EPS-2004-H18-T1

DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;  
R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR

PIT EPB1 EUROPAEISCHE PATENTSCHRIFT (Internationale Anmeldung)

PI EP 1263900 B1 20040428

OD 20021211

AI EP 2001-936056 20010228

PRAI US 2000-185649 20000229

RLI WO 01-EP2324 010228 INTAKZ

WO 2001064801 010907 INTPNR

REN PATENT ABSTRACTS OF JAPAN vol. 1995, no. 02, 31 March 1995 (1995-03-31)  
& JP06313149 A (TOYO INK MFG CO LTD), 8 November 1994 (1994-11-08)  
PATENT ABSTRACTS OF JAPAN vol. 017, no. 274 (C-1064), 27 May 1993  
(1993-05-27) & JP05009434 A (ASAHI CHEM IND CO LTD), 19 January 1993  
(1993-01-19)

IC ICM C09D167-00

ICS C09D133-06

L2 ANSWER 2 OF 28 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1262523 EUROPATFULL ED 20021212 EW 200249 FS OS

TIEN Copolymerized polyester resin composition and stretched film.

TIDE Copolymerisierte Polyesterharzzusammensetzung und gestreckte Folie.

TIFR Composition a base de resine de polyester copolymerise et feuille  
etiree.

IN Tamura, Koichi, Mitsubishi Chemical Corporation, 1000, Kamoshida-cho,  
Aoba-ku, Yokohama-shi, Kanagawa, JP;  
Keitoku, Fumio, Mitsubishi Chemical Corporation, 1, Toho-cho,  
Yokkaichi-shi, Mie, JP;  
Kanbe, Toshio, Mitsubishi Chemical Corporation, 1, Toho-cho,  
Yokkaichi-shi, Mie, JP;  
Tomita, Yasuhiro, Mitsubishi Plastics, Inc., Nagahama Kojo, 5-8,

Mitsuya-cho, Nagahama-shi, Shiga, JP  
 PA MITSUBISHI CHEMICAL CORPORATION, 5-2 Marunouchi 2-chome, Chiyoda-ku,  
 Tokyo 100-0005, JP;  
 MITSUBISHI PLASTICS INC., 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo  
 100-0005, JP  
 SO Wila-EPZ-2002-H49-T1a  
 DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;  
 R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR; R AL; R LT; R LV; R MK;  
 R RO; R SI  
 PIT EPA1 EUROPAEISCHE PATENTANMELDUNG  
 PI EP 1262523 A1 20021204  
 OD 20021204  
 AI EP 2002-10684 20020513  
 PRAI JP 2001-2001149648 20010518  
 IC ICM C08L067-00  
 ICS C08L067-02 C08G063-183 C08G063-672 C08J005-18

L2 ANSWER 3 OF 28 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2004015174 PCTFULL ED 20040225 EW 200408  
 TIEN POLYTRIMETHYLENE ETHER ESTERS  
 TIFR ETHER-ESTERS DE POLYTRIMETHYLENE  
 IN NG, Howard, C., 896 Nottingham Avenue, Kingston, Ontario K7P 2B4, CA  
 PA E.I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
 19898, US [US, US]  
 AG KULLER, Mark, D., E.I. Du Pont de Nemours and Company, Legal Patent  
 Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2004015174 A2 20040219  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
 CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
 NL PT RO SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2003-US24854 A 20030806  
 PRAI US 2002-10/215,623 20020809

L2 ANSWER 4 OF 28 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2004014984 PCTFULL ED 20040225 EW 200408  
 TIEN POLY(TRIMETHYLENE-ETHYLENE ETHER) GLYCOLS  
 TIFR POLY(TRIMETHYLENE-ETHYLENE ETHER) GLYCOLS  
 IN SUNKARA, Hari, Babu, 3 Fritze Court, Hockessin, DE 19707, US;  
 DO, Hiep, Quang, 13 Exeter Court, Somerset, NJ 08873, US  
 PA E. I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
 19898, US [US, US]  
 AG KULLER, Mark, D., E. I. du Pont de Nemours and Company, Legal Patent  
 Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2004014984 A1 20040219  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
 CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM

RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
 NL PT RO SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2003-US24390 A 20030804  
 PRAI US 2002-60/402,262 20020809  
 US 2003-10/621,892 20030717  
 ICM C08G065-04  
 ICS C08G065-34; C08F016-02; C08F016-12  
  
 L2 ANSWER 5 OF 28 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2004014979 PCTFULL ED 20040225 EW 200408  
 TIEN POLYURETHANE AND POLYURETHANE-UREA ELASTOMERS FROM  
 POLYTRIMETHYLENE ETHER GLYCOL  
 TIFR ELASTOMERES DE POLYURETHANNE ET DE POLYURETHANNE-UREE PREPARES A PARTIR  
 DE POLYTRIMETHYLENE ETHER GLYCOL  
 IN SUNKARA, Hari, Babu, 5509 Limeric Circle, Apartment 43, Wilmington, DE  
 19808, US;  
 MCINNIS, Edwin, L., 34 Spring Hill Drive, Lincoln University, PA 19352,  
 US  
 PA E.I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
 19898, US [US, US]  
 AG KULLER, Mark, D., E.I. Du Pont de Nemours and Company, Legal Patent  
 Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2004014979 A1 20040219  
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 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM  
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 PT SE SK TR  
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 AI WO 2002-US34106 A 20021024  
 PRAI US 2002-10/215,575 20020809  
 ICM C08G018-48  
 ICS C08G018-32; C08G018-10; C08G018-08; C07C269-02; C07C271-08  
  
 L2 ANSWER 6 OF 28 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2003050159 PCTFULL ED 20030623 EW 200325  
 TIEN POLYTRIMETHYLENE ETHER ESTER AMIDE AND USE THEREOF  
 TIFR ETHER ESTER AMIDE DE POLYTRIMETHYLENE ET SON UTILISATION  
 IN GOLDFINGER, Marc, B., 450 Lake George Circle, West Chester, PA 19382, US  
 PA E.I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
 19898, US [US, US]  
 AG KULLER, Mark, D., E.I. Du Pont de Nemours and Company, Legal Patent  
 Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2003050159 A1 20030619  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
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 PT SE SK TR

RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2002-US34107 A 20021024  
 PRAI US 2001-10/013,073 20011210  
 US 2002-10/073,745 20020211  
 ICM C08G063-00  
 ICS C08G069-00; C08G073-00; C08L067-00; C08L077-00

L2 ANSWER 7 OF 28 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2003038167 PCTFULL ED 20030515 EW 200319  
 TIEN POLYETHER ESTER ELASTOMER COMPRISING POLYTRIMETHYLENE ETHER ESTER SOFT  
 SEGMENT AND TRIMETHYLENE ESTER HARD SEGMENT  
 TIFR ELASTOMERE D'ESTER DE POLYETHER CONTENANT UN SEGMENT MOU D'ETHER-ESTER  
 DE POLYTRIMETHYLENE AINSI QU'UN SEGMENT DUR D'ESTER DE TRIMETHYLENE  
 IN GOLDFINGER, Marc, B., 450 Lake George Circle, West Chester, PA 19382,  
 US;  
 SUNKARA, Hari, Babu, 5509 Limeric Circle, Apartment 43, Wilmington, DE  
 19808, US  
 PA E.I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
 19898, US [US, US]  
 AG KULLER, Mark, D., E.I. Du Pont De Nemours And Company, Legal Patent  
 Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2003038167 A1 20030508  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
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 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
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 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL  
 PT SE SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

AI WO 2002-US34104 A 20021024  
 PRAI US 2001-10/016,023 20011031  
 ICM D02G003-00  
 ICS C08G063-66

L2 ANSWER 8 OF 28 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2003037978 PCTFULL ED 20030515 EW 200319  
 TIEN POLYETHER ESTER ELASTOMER COMPRISING POLYTRIMETHYLENE ETHER ESTER SOFT  
 SEGMENT AND TETRAMETHYLENE ESTER HARD SEGMENT  
 TIFR ELASTOMERE DE POLYETHER-ESTER CONTENANT UN SEGMENT MOU DE  
 POLYTRIMETHYLENE-ETHER-ESTER ET UN SEGMENT MOU DE TETRAMETHYLENE-ESTER  
 IN GOLDFINGER, Marc, B., 450 Lake George Circle, West Chester, PA 19382,  
 US;  
 SUNKARA, Hari, Babu, 5509 Limeric Circle, Apartment 43, Wilmington, DE  
 19808, US  
 PA E.I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
 19898, US [US, US]  
 AG KULLER, Mark, D., E.I. Du Pont de Nemours and Company, Legal Patent  
 Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2003037978 A2 20030508  
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 MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM  
 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
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RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL  
 PT SE SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2002-US34108 A 20021024  
 PRAI US 2001-10/016,195 20011031

L2 ANSWER 9 OF 28 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2001064801 PCTFULL ED 20020822  
 TIEN MELAMINE COATING COMPOSITIONS  
 TIFR COMPOSITIONS DE REVETEMENT EN MELAMINE ACRYLIQUE  
 IN BOON, Wyndham, Henry;  
 FORSCHNER, Thomas, Clayton;  
 GWYN, David, Eric;  
 SMITH, Oliver, Wendell;  
 SMITH, Roy, Frank;  
 THAMES, Shelby, Freland;  
 ZHOU, Lichang  
 PA SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.  
 DT Patent  
 PI WO 2001064801 A2 20010907  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
 DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX  
 MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
 UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM  
 AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR  
 IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR  
 NE SN TD TG

AI WO 2001-EP2324 A 20010228  
 PRAI US 2000-60/185,649 20000229  
 ICM C09D167-00  
 ICS C09D133-06

L2 ANSWER 10 OF 28 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2001044348 PCTFULL ED 20020827  
 TIEN PRODUCTION OF **POLYTRIMETHYLENE ETHER GLYCOL**  
 AND COPOLYMERS THEREOF  
 TIFR PRODUCTION DE **POLYTRIMETHYLENE ETHER GLYCOL**  
 ET COPOLYMERES ASSOCIES  
 IN SUNKARA, Hari, B.;  
 MANZER, Leo, E.  
 PA E.I. DU PONT DE NEMOURS AND COMPANY  
 DT Patent  
 PI WO 2001044348 A1 20010621  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
 DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX  
 MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
 UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM  
 AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR  
 IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR  
 NE SN TD TG

AI WO 2000-US34202 A 20001215  
 PRAI US 1999-60/172,264 19991217  
 ICM C08G065-34

L2 ANSWER 11 OF 28 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2001044150 PCTFULL ED 20020827  
 TIEN CONTINUOUS PROCESS FOR THE PREPARATION OF **POLYTRIMETHYLENE**  
**ETHER GLYCOL**  
 TIFR PROCEDE EN CONTINU DE PREPARATION DE L'ETHER DE POLYTRIMETHYLENEGLYCOL  
 IN SUNKARA, Hari, B.;  
 MARCHILDON, Ernest, Keith;

NG, Howard, Chung-Ho;  
 MANZER, Leo, E.  
 PA E.I. DU PONT DE NEMOURS AND COMPANY  
 DT Patent  
 PI WO 2001044150 A2 20010621  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
 DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX  
 MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
 UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM  
 AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR  
 IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR  
 NE SN TD TG  
 AI WO 2000-US34203 A 20001215  
 PRAI US 1999-60/172,126 19991217  
 ICM C07C041-09  
 ICS C07C043-13; C08G065-34; B01J019-24; B01J010-00  
  
 L2 ANSWER 12 OF 28 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 2001029108 PCTFULL ED 20020820  
 TIEN ACRYLIC POLYURETHANE COATING COMPOSITIONS  
 TIFR COMPOSITIONS DE REVETEMENT POLYURETHANE ACRYLIQUE  
 IN BOON, Wyndham, Henry;  
 FORSCHNER, Thomas, Clayton;  
 GWYN, David, Eric;  
 SMITH, Oliver, Wendell;  
 THAMES, Shelby, Freland;  
 ZHOU, Lichang  
 PA SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.  
 DT Patent  
 PI WO 2001029108 A1 20010426  
 DS W: JP KR AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
 SE  
 AI WO 2000-EP10351 A 20001019  
 PRAI US 1999-60/160,340 19991019  
 ICM C08G018-44  
 ICS C08G018-40  
  
 L2 ANSWER 13 OF 28 USPATFULL on STN  
 AN 2004:101953 USPATFULL  
 TI Polyether ester elastomers comprising poly(trimethylene ether) ester  
 soft segment and alkylene ester hard segment  
 IN Sunkara, Hari Babu, Hockessin, DE, UNITED STATES  
 PI US 2004077823 A1 20040422  
 AI US 2003-621805 A1 20030717 (10)  
 PRAI US 2002-402262P 20020809 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 924  
 INCL INCLM: 528/272.000  
 INCLS: 528/300.000  
 NCL NCLM: 528/272.000  
 NCLS: 528/300.000  
 IC [7]  
 ICM: C08G063-02  
 ICS: C08G063-66  
  
 L2 ANSWER 14 OF 28 USPATFULL on STN  
 AN 2004:39553 USPATFULL  
 TI Poly(trimethylene-ethylene ether) glycols  
 IN Sunkara, Hari B., Hockessin, DE, UNITED STATES  
 Do, Hiep Q., Somerset, NJ, UNITED STATES  
 PI US 2004030095 A1 20040212  
 AI US 2003-621892 A1 20030717 (10)

PRAI US 2002-402262P 20020809 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 998  
INCL INCLM: 528/425.000  
NCL NCLM: 528/425.000  
IC [7]  
ICM: C08G065-34  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 15 OF 28 USPATFULL on STN  
AN 2004:39547 USPATFULL  
TI Thermoplastic elastomer comprising poly(trimethylene-ethylene ether)  
soft segment and polyamide hard segment  
IN Sunkara, Hari Babu, Hockessin, DE, UNITED STATES  
PI US 2004030089 A1 20040212  
AI US 2003-621896 A1 20030717 (10)  
PRAI US 2002-402262P 20020809 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 916  
INCL INCLM: 528/272.000  
NCL NCLM: 528/272.000  
IC [7]  
ICM: C08G063-02  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 16 OF 28 USPATFULL on STN  
AN 2004:39518 USPATFULL  
TI Polyurethane and polyurethane-urea elastomers from  
**polytrimethylene ether glycol**  
IN Sunkara, Hari B., Wilmington, DE, UNITED STATES  
McInnis, Edwin L., Lincoln University, PA, UNITED STATES  
PI US 2004030060 A1 20040212  
AI US 2002-215575 A1 20020809 (10)  
DT Utility  
FS APPLICATION  
LN.CNT 1064  
INCL INCLM: 525/453.000  
INCLS: 528/044.000  
NCL NCLM: 525/453.000  
NCLS: 528/044.000  
IC [7]  
ICM: C08G018-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 17 OF 28 USPATFULL on STN  
AN 2003:222161 USPATFULL  
TI Polytrimethylene ether esters  
IN Ng, Howard C., Kingston, CANADA  
PA E. I. du Pont de Nemours and Company, Wilmington, DE, United States  
(U.S. corporation)  
PI US 6608168 B1 20030819  
AI US 2002-215623 20020809 (10)  
DT Utility  
FS GRANTED  
LN.CNT 919  
INCL INCLM: 528/272.000  
INCLS: 528/275.000; 528/298.000; 528/302.000; 528/308.000; 528/308.600;  
525/437.000; 525/440.000; 525/443.000; 525/444.000  
NCL NCLM: 528/272.000  
NCLS: 525/437.000; 525/440.000; 525/443.000; 525/444.000; 528/275.000;  
528/298.000; 528/302.000; 528/308.000; 528/308.600  
IC [7]

ICM: C08G063-02  
 EXF 528/272; 528/275; 528/298; 528/302; 528/308; 528/308.6; 525/437;  
 525/440; 525/443; 525/444  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 18 OF 28 USPATFULL on STN  
 AN 2003:184132 USPATFULL  
 TI Polytrimethylene ether ester amide and use thereof  
 IN Goldfinger, Marc B., West Chester, PA, United States  
 PA E. I. Du Pont de Nemours and Company, Wilmington, DE, United States  
 (U.S. corporation)  
 PI US 6590065 B1 20030708  
 AI US 2002-73745 20020211 (10)  
 RLI Continuation-in-part of Ser. No. US 2001-13073, filed on 10 Dec 2001,  
 now abandoned  
 DT Utility  
 FS GRANTED  
 LN.CNT 720  
 INCL INCLM: 528/310.000  
 INCLS: 528/271.000; 528/272.000; 528/288.000; 528/292.000; 528/301.000;  
 528/323.000; 525/411.000; 525/419.000; 525/420.000; 428/221.000;  
 428/357.000; 428/364.000; 428/394.000; 428/395.000; 428/474.400;  
 428/480.000; 442/327.000; 442/181.000; 442/324.000  
 NCL NCLM: 528/310.000  
 NCLS: 428/221.000; 428/357.000; 428/364.000; 428/394.000; 428/395.000;  
 428/474.400; 428/480.000; 442/181.000; 442/324.000; 442/327.000;  
 525/411.000; 525/419.000; 525/420.000; 528/271.000; 528/272.000;  
 528/288.000; 528/292.000; 528/301.000; 528/323.000  
 IC [7]  
 ICM: C08G063-00  
 ICS: C08G069-44; C08L077-00; B32B027-00; C08F283-04  
 EXF 528/301; 528/310; 528/323; 528/292; 528/271; 528/272; 528/288; 525/419;  
 525/420; 525/411; 442/181; 442/324; 442/327; 428/221; 428/357; 428/364;  
 428/394; 428/395; 428/474.4; 428/480  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 19 OF 28 USPATFULL on STN  
 AN 2003:174178 USPATFULL  
 TI POLYETHER ESTER ELASTOMER COMPRISING POLYTRIMETHYLENE ETHER ESTER SOFT  
 SEGMENT AND TRIMETHYLENE ESTER HARD SEGMENT  
 IN Goldfinger, Marc B., West Chester, PA, UNITED STATES  
 Sunkara, Hari B., Wilmington, DE, UNITED STATES  
 PI US 2003120026 A1 20030626  
 US 6599625 B2 20030729  
 AI US 2001-16023 A1 20011031 (10)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 949  
 INCL INCLM: 528/272.000  
 NCL NCLM: 428/365.000  
 NCLS: 428/359.000; 428/373.000; 428/375.000; 528/176.000; 528/190.000;  
 528/193.000; 528/194.000; 528/298.000; 528/300.000; 528/301.000;  
 528/302.000; 528/307.000; 528/308.000; 528/308.600  
 IC [7]  
 ICM: C08G063-02  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 20 OF 28 USPATFULL on STN  
 AN 2003:129740 USPATFULL  
 TI Polyether ester elastomer comprising polytrimethylene ether ester soft  
 segment and tetramethylene ester hard segment  
 IN Goldfinger, Marc B., West Chester, PA, United States  
 Sunkara, Hari B., Wilmington, DE, United States  
 PA E. I. du Pont de Nemours and Company, Wilmington, DE, United States



(U.S. corporation)  
PI US 6562457 B1 20030513  
AI US 2001-16195 20011031 (10)  
DT Utility  
FS GRANTED  
LN.CNT 986  
INCL INCLM: 428/365.000  
INCLS: 528/298.000; 528/299.000; 528/300.000; 528/301.000; 528/302.000;  
528/307.000; 528/308.000; 528/308.600; 428/359.000; 428/364.000;  
264/176.100  
NCL NCLM: 428/365.000  
NCLS: 264/176.100; 428/359.000; 428/364.000; 528/298.000; 528/299.000;  
528/300.000; 528/301.000; 528/302.000; 528/307.000; 528/308.000;  
528/308.600  
IC [7]  
ICM: D02G003-00  
ICS: C08G063-66  
EXF 528/298; 528/299; 528/300; 528/301; 528/302; 528/307; 528/308;  
528/308.6; 428/359; 428/364; 428/365; 264/176.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 21 OF 28 USPATFULL on STN  
AN 2002:328454 USPATFULL  
TI Copolymerized polyester resin composition and stretched film  
IN Tamura, Koichi, Yokohama-shi, JAPAN  
Keitoku, Fumio, Yokkaichi-shi, JAPAN  
Kanbe, Toshio, Yokkaichi-shi, JAPAN  
Tomita, Yasuhiro, Nagahama-shi, JAPAN  
PA MITSUBISHI CHEMICAL CORPORATION, Tokyo, JAPAN, 100-0005 (non-U.S.  
corporation)  
PI US 2002186120 A1 20021212  
AI US 2002-140186 A1 20020508 (10)  
PRAI JP 2001-149648 20010518  
DT Utility  
FS APPLICATION  
LN.CNT 835  
INCL INCLM: 338/022.000R  
NCL NCLM: 338/022.000R  
IC [7]  
ICM: H01C007-10  
ICS: H01C007-13  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 22 OF 28 USPATFULL on STN  
AN 2002:217351 USPATFULL  
TI High gloss acrylic coatings with improved impact resistance  
IN Zhou, Lichang, Hattiesburg, MS, United States  
Smith, Oliver Wendell, Petal, MS, United States  
Forschner, Thomas Clayton, Richmond, TX, United States  
Boon, Wyndham Henry, North Canton, OH, United States  
Gwyn, David Eric, Houston, TX, United States  
Thames, Shelby Freland, Hattiesburg, MS, United States  
PA Shell Oil Company, Houston, TX, United States (U.S. corporation)  
PI US 6441087 B1 20020827  
AI US 2000-671572 20000927 (9)  
PRAI US 1999-160340P 19991019 (60)  
DT Utility  
FS GRANTED  
LN.CNT 1011  
INCL INCLM: 524/590.000  
INCLS: 528/085.000  
NCL NCLM: 524/590.000  
NCLS: 528/085.000  
IC [7]

ICM: C08L075-00  
EXF 524/590; 528/85  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 23 OF 28 USPATFULL on STN  
AN 2002:202225 USPATFULL  
TI High gloss acrylic coatings with improved impact resistance cured with  
melamine  
IN Zhou, Lichang, Hattiesburg, MS, United States  
Thames, Shelby F., Hattiesburg, MS, United States  
Smith, Oliver W., Petal, MS, United States  
Forschner, Thomas Clayton, Richmond, TX, United States  
Smith, Roy Frank, Pearland, TX, United States  
Gwyn, David Eric, Houston, TX, United States  
Boon, Wyndham Henry, North Canton, OH, United States  
Dawodu, Abdulai Mobolaji, Houston, TX, United States  
PA Shell Oil Company, Houston, TX, United States (U.S. corporation)  
PI US 6433131 B1 20020813  
AI US 2001-784376 20010215 (9)  
PRAI US 2000-185649P 20000229 (60)  
DT Utility  
FS GRANTED  
LN.CNT 1072  
INCL INCLM: 528/371.000  
INCLS: 528/371.000; 525/461.000; 525/467.000; 428/412.000  
NCL NCLM: 528/371.000  
NCLS: 428/412.000; 525/461.000; 525/467.000  
IC [7]  
ICM: C08G063-62  
ICS: B32B027-36  
EXF 528/371; 525/461; 525/467; 428/412  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 24 OF 28 USPATFULL on STN  
AN 2002:17493 USPATFULL  
TI Continuous process for the preparation of **polytrimethylene  
ether glycol**  
IN Sunkara, Hari B., Wilmington, DE, UNITED STATES  
Marchildon, Ernest Keith Andrew, Kingston, CANADA  
Ng, Howard Chung-Ho, Kingston, CANADA  
Manzer, Leo E., Wilmington, DE, UNITED STATES  
PI US 2002010374 A1 20020124  
US 6720459 B2 20040413  
AI US 2000-738689 A1 20001215 (9)  
PRAI US 1999-172126P 19991217 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1045  
INCL INCLM: 568/619.000  
NCL NCLM: 568/619.000  
IC [7]  
ICM: C07C041-09  
ICS: C07C043-11  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 25 OF 28 USPATFULL on STN  
AN 2002:12660 USPATFULL  
TI Production of **polytrimethylene ether glycol**  
and copolymers thereof  
IN Sunkara, Hari B., Wilmington, DE, UNITED STATES  
Manzer, Leo E., Wilmington, DE, UNITED STATES  
PI US 2002007043 A1 20020117  
AI US 2000-738688 A1 20001215 (9)  
PRAI US 1999-172264P 19991217 (60)

DT Utility  
FS APPLICATION  
LN.CNT 777  
INCL INCLM: 528/396.000  
NCL NCLM: 528/396.000  
IC [7]  
ICM: C08G061-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 26 OF 28 USPATFULL on STN  
AN 84:35861 USPATFULL  
TI Polyurethanes prepared from polycarbonates  
IN Rajan, Sundar J., Woodbury, MN, United States  
PA Ethyl Corporation, Richmond, VA, United States (U.S. corporation)  
PI US 4456745 19840626  
AI US 1983-512347 19830711 (6)  
RLI Division of Ser. No. US 1982-381207, filed on 24 May 1982, now patented,  
Pat. No. US 4423205  
DT Utility  
FS Granted  
LN.CNT 551  
INCL INCLM: 528/085.000  
INCLS: 260/453.000AR; 528/044.000; 528/048.000; 528/055.000;  
528/371.000; 560/025.000  
NCL NCLM: 528/085.000  
NCLS: 528/044.000; 528/048.000; 528/055.000; 528/371.000; 560/025.000  
IC [3]  
ICM: C08G018-42  
EXF 528/44; 528/48; 528/55; 528/85; 528/371; 260/453AR; 560/25  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 27 OF 28 USPAT2 on STN  
AN 2003:174178 USPAT2  
TI Polyether ester elastomer comprising polytrimethylene ether ester soft  
segment and trimethylene ester hard segment  
IN Goldfinger, Marc B., West Chester, PA, United States  
Sunkara, Hari B., Wilmington, DE, United States  
PA E. I. du Pont de Nemours and Company, Wilmington, DE, United States  
(U.S. corporation)  
PI US 6599625 B2 20030729  
AI US 2001-16023 20011031 (10)  
DT Utility  
FS GRANTED  
LN.CNT 949  
INCL INCLM: 428/365.000  
INCLS: 528/176.000; 528/190.000; 528/193.000; 528/194.000; 528/298.000;  
528/300.000; 528/301.000; 528/302.000; 528/307.000; 528/308.000;  
528/308.600; 428/359.000; 428/373.000; 428/375.000  
NCL NCLM: 428/365.000  
NCLS: 428/359.000; 428/373.000; 428/375.000; 528/176.000; 528/190.000;  
528/193.000; 528/194.000; 528/298.000; 528/300.000; 528/301.000;  
528/302.000; 528/307.000; 528/308.000; 528/308.600  
IC [7]  
ICM: D02G003-00  
ICS: C08G063-66  
EXF 528/176; 528/190; 528/193; 528/194; 528/298; 528/300; 528/301; 528/302;  
528/307; 528/308; 528/308.6; 428/359; 428/365; 428/373; 428/375; 264/176  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 28 OF 28 USPAT2 on STN  
AN 2002:17493 USPAT2  
TI Continuous process for the preparation of **polytrimethylene  
ether glycol**  
IN Sunkara, Hari B., Wilmington, DE, United States

Marchildon, Ernest Keith Andrew, Kingston, CANADA  
Ng, Howard Chung-Ho, Kingston, CANADA  
Manzer, Leo E., Wilmington, DE, United States  
PA E. I. du Pont Nemours and Company, Wilmington, DE, United States (U.S.  
corporation)  
PI US 6720459 B2 20040413  
AI US 2000-738689 20001215 (9)  
PRAI US 1999-172126P 19991217 (60)  
DT Utility  
FS GRANTED  
LN.CNT 1010  
INCL INCLM: 568/619.000  
NCL NCLM: 568/619.000  
IC [7]  
ICM: C07C041-09  
EXF 568/619  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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